



## Chester Slotting Machines • SL Series



**All machines are hydraulically driven**

| Model                                                                  | SL50              | SL63              | SL100             | SL125             |
|------------------------------------------------------------------------|-------------------|-------------------|-------------------|-------------------|
| Max. Slotting Length                                                   | 500mm             | 630mm             | 1000mm            | 1250mm            |
| Inclination of Ram                                                     | 0~8°              | 0~8°              | 0~10°             | 0~10°             |
| Vertical Adjustment of Ram                                             | 360mm             | 390mm             | 720mm             | 1020mm            |
| Diameter of Table                                                      | 800mm             | 800mm             | 1000mm            | 1400mm            |
| Distance from Tool Holding Surface to Column Front                     | 1000mm            | 1120mm            | 1400mm            | 1600mm            |
| Distance from Table Surface to Lower End of Ram Housing                | 740mm             | 800mm             | 1400mm            | 1620mm            |
| Max. Longitudinal Travel of Table                                      | 1235mm            | 1125mm            | 1200mm            | 1500mm            |
| Max. Cross Travel of Table                                             | 820mm             | 880mm             | 950mm             | 1250mm            |
| Max. Load of Table                                                     | 2000kg            | 2000kg            | 4000kg            | 6000kg            |
| Power of Main Motor                                                    | 7.5kw             | 7.5kw             | 7.5kw             | 11Kw              |
| Power of Motor for Rapid Traverse                                      | 1.5kw             | 1.5kw             | 1.5kw             | 1.5Kw             |
| Speed of Main Motor                                                    | 960r/min          | 960r/min          | 960r/min          | 960r/min          |
| Speed of Motor for Rapid Traverse                                      | 940r/min          | 940r/min          | 940r/min          | 940r/min          |
| Overall Dimensions (L×W×H)                                             | 3430×2010 ×3398mm | 3530×2385 ×3591mm | 4350×2760 ×5710mm | 4300×3050 ×5400mm |
| Net Weight                                                             | 11000Kg           | 12000Kg           | 15500Kg           | 17800kg           |
| Cutting Speeds, Infinitely Variable                                    | 5~22m/min         | 5~22m/min         | 5~22m/min         | 7~30m/min         |
| Flatness of Machined Surfaces on Tested Work piece                     | 0.015mm           | 0.015mm           | 0.015mm           | 0.015mm           |
| Verticality of Machined Side Surface on Tested Work piece against Base | 0.02mm            | 0.02mm            | 0.02mm            | 0.025mm           |
| Verticality of Machined Surface on Tested Work piece                   | 0.025mm           | 0.025mm           | 0.025mm           | 0.02mm            |
| Surface Roughness on Tested Work piece                                 | 6.3mm             | 7.3               | 8.3               | 6.3mm             |

\* The above specifications are subject to change without prior notice, no liability for mistakes. Machines may be shown with optional equipment.

